

Mohave County

Department of Public Health

Annual Report

2013



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Our Vision

To be recognized as the most innovative, efficient, and effective public health agency in the State of Arizona.

Our Mission

To create and promote a safe and healthy community for our citizens and visitors.

Our Values

*Integrity, Quality, Fiscal Responsibility
Accountability) Timeliness, Professionalism
Teamwork, Resourcefulness, Staff Development*

Our Strategic Priorities

- *Be prepared to respond to emergencies*
- *Provide excellent customer service*
- *Enhance our ability to provide the ten essential public health services*
- *Provide effective public health communication*
- *Reduce disease and disability*



Our Challenge

With the ultimate goal to improve health and quality of life in Mohave County, a community health assessment was initiated in the fall of 2011 by a county-wide coalition of community stakeholders under the collaborative leadership of the Mohave County Department of Public Health and Kingman Regional Medical Center. It involved a wide-ranging effort to gather facts and statistics regarding health and quality of life in Mohave County, including obtaining insights and perspectives from county residents via a public survey.

The health assessment was a first in our area – never before has there been a comprehensive study of community health done with community member input at a local level. The objective was to provide a realistic picture of the health needs and issues unique to Mohave County’s population, geography and economy to be utilized for local planning and for creating policies and programs that address true health concerns within the county. To view the assessment on-line, go to: www.mohavecounty.us and click on Departments, Public Health, and Community Health Profile on the left side of the page.

The community health assessment was the first part of a two-pronged approach for improving health and quality of life in Mohave County. With the completion of the health assessment the community coalition will use the data and information to identify and address priority health issues which will be documented in a second report called the Community Health Improvement Plan (CHIP). The CHIP will include strategies and measures for acting on selected community health issues.

This will be an ongoing process, which will involve performing a community health assessment and developing a community health improvement plan every three years. This planning and working together as a community will encourage collaboration amongst community partners and will provide a more coordinated approach to current health issues.

As it has always been, our mission is to create and promote a safe and healthy community for our citizens and visitors.



Department Organization & Board of Health

DIRECTOR

Patty Mead

ADMINISTRATION

Jennifer McNally - Assistant Health Director

Account Specialist - 2

Office Specialist - 2

PUBLIC HEALTH NURSING

Christy Bronston - Manager

Nursing Supervisor – 3

Nurse Midwife – 1

Office Assistant – 5

Public Health Specialist – 6

Public Health Nurse, RN – 8.5

Program Coordinator, RN - 1

Paraprofessional Temp – 1

Clerical Temp - 2

NUTRITION & HEALTH PROMOTION

Deborah Conter - Manager

Community Nutrition Specialist Sr - 1

Community Health Education Spec Sr - 1

Community Health Education Spec I - 3

Community Health Education Spec II - 1

WIC Eligibility Worker - 8

Office Specialist - 1

Office Assistant Senior - 1

Office Assistant - 1

Temp WIC Breast Feeding Peer Counselor - 1

SECRETARY

Sue Frank

ENVIRONMENTAL HEALTH

Rachel Patterson - Manager

Environmental Health Supervisor – 2

Office Supervisor - 1

Environmental Health Specialist I/II –8

Environmental Health Technician – 1

Permit Technicians – 4

SENIOR PROGRAMS

Rena Arnold - Senior Programs Coordinator

Site Supervisor – 1

Site Coordinator – 1

Senior Programs Assistant – 2

Cook - 1

Prep Cook - 1

Labor/Trades Temp - 3

BIOTERRORISM & EMERGENCY RESPONSE

Bruce Leeming - Program Coordinator

Epidemiologist - 1

Volunteer Coordinator - 1

Professional Temp/Planner - 1

Board of Health

Phil Moon

Gary Watson

Sandra Sockwell

JoAnn Unruh

Larry Carver

Doug Haslan

Kathy Bruck

Dr Dat Nguyen

Steve Greeley

Financial Information

July 1, 2012 – June 30, 2013

Revenues

Federal Grants	\$2,269,940
AHCCCS Revenue	39,065
Fees from Services	1,596,978
State Grants & Contracts	777,679
County General Funds	1,285,644
Miscellaneous & Donations	156,165

Total Revenues	\$6,125,471
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Expenditures

Personnel Services	\$4,261,641
Operating Supplies	580,507
Other Charges/Services	1,161,654
Capital Outlay	90,179

Total Expenditures	6,093,981
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Department Programs

Health Administration

Environmental Health

Environmental Health Technology Fee

Environmental Health Clean Up

County Nursing

County Nutrition

TB Control

Health Dept. Donations

Tobacco

Family Planning Title V

Family Planning Title X

Family Planning Title X HIV

Arizona Nutrition Network

Women Infants & Children (WIC)

Newborn Intensive Care Program

Ryan White

HIV Prevention

Sexually Transmitted Disease

Immunizations

Health Start

Teen Pregnancy Prevention

WIC - Breast Feeding Peer Counseling Program

Commodities Supplemental Food Program

Healthy Arizona Policy Initiative

Child Fatality Review

Senior Volunteer Recognition

Smoke Free Arizona

Bioterrorism

Senior Programs - Kingman

Senior Programs - Lake Havasu

Senior Programs - Golden Shores

Public Health Preparedness



Our program conducts planning and preparedness activities for public health threats and emergencies. We work with local health care organizations, emergency management, and public safety to build an integrated emergency response system to achieve response capabilities to protect residents and visitors of Mohave County and to better recover from disasters.

Training, Exercises, and Response

Conducting and participating in exercises is an important part of our ongoing preparedness activities. Exercises are an effective and cost-efficient way to validate our emergency plans, identify areas for improvement, and get feedback from the people who will be executing the plans.

In February we participated in the Arizona Department of Health Services (ADHS) 2013 Strategic National Stockpile (SNS) full-scale exercise. Full-scale exercises are the most complex and include the actual deployment of personnel and equipment. They focus on implementing and analyzing the plans, policies, procedures, and cooperative agreements across multiple functional areas that require critical thinking, rapid problem solving, and effective responses by trained personnel in real time, stressful environments that closely mirror real incidents.

The 2013 SNS Exercise utilized Health Department staff and Medical Reserve Corps (MRC) volunteers to demonstrate various SNS capabilities from the request processes to distribution and dispensing activities, in order to meet Medical Countermeasure Distribution and Dispensing Composite Measures established by the Centers for Disease Control and Prevention. We activated our Health Department Operations Center (HDOC), established and maintained communications with our stakeholders, requested medical assets from the State, received medical assets into our SNS Warehouse, conducted inventory, and coordinated dispensing these medical assets.

In May we participated in the ADHS Patient Movement Functional Exercise which was designed to establish a learning environment for players to exercise emergency response plans, policies, and procedures as they pertained to patient movement capabilities in response to an extended power outage. This exercise was evidence of the growing public safety partnership between Federal, State, and local jurisdictions regarding the challenges an extended power outage presents to our Nation and communities. This exercise was one of many training opportunities leading up to the statewide full-scale exercise in November 2013.

Planning Activities

The Mohave County Department of Public Health (MCDPH) has maintained the emergency planner position by utilizing Bio-Terrorism grant funds to ensure the continuity of emergency planning efforts. The emergency planner has been working on establishing a radiological response plan/program to coincide with the State of Arizona's efforts in emergency response planning and exercises. This program has included the acquisition of radiological monitoring equipment to be able to monitor a large number of potential victims from a radiological type incident. Training through the local LEPC and Emergency Management is also in the planning stage.

Our planner has been updating the relevant plans in preparation of the November 2013 state wide exercise which is a simulated state wide power outage lasting 2 weeks in the month of July. The MCDPH has been involved with the establishment of the Western Region Healthcare Coalition (WRHC), of which the emergency planner is the Chairman. Since this is a new planning coalition, the planner/chairman has also been working on the establishment of coalition By-Laws and necessary MOU's to ensure proper documentation of agreements for future emergency response planning between all member agencies of the WRHC.

Medical Reserve Corps

MRC volunteers received training on how to assist people with functional needs in general population shelters. They received additional training on Isolation & Quarantine, START Triage (Simple Triage And Rapid Treatment is a triage method used by first responders to quickly classify victims during a mass casualty incident), Winter Safety and Emergency Care, Epidemiological Investigation Overview, CPR- Continuous Chest Compression only (CCC), Disaster Medicine/Basic First Aid/START Triage; Heat Emergencies, MRC Integration within the Incident Command Structure, and NIMS Review.

Medical Reserve Corps volunteers participated at emergency preparedness and community events during the year including the Lake Havasu City Winterfest Street Fair, Kingman Regional Medical Center's Kids Day, and "Havasu Stick'em" Health Fair and Immunization clinic.

Our volunteers also assisted Public Health Nursing during back to school immunization clinics along with providing clerical assistance throughout the year, including immunization follow-up phone calls. MRC volunteers participated in the ADHS 2013 Strategic National Stockpile Full-Scale Exercise February 21-22, 2013 and the Strategic National Stockpile (SNS) Full-Scale Exercise drill that was conducted on June 18, 2013.

During the FY 2012 – 2013, the Mohave County MRC volunteers donated over 1,300 hours of service.



Environmental Health

Environmental Health is responsible for inspection of public places, enforcement of various environmental laws, response to public nuisances, and response to emergencies as part of the department Emergency Response Team. The division receives authority through delegation agreements with the Arizona Department of Environmental Quality (ADEQ), the Arizona Department of Health Services (ADHS), and local Mohave County Ordinances and operates in accordance with division policies and procedures. Specific areas of responsibility include; food safety, public & semi-public swimming pools, RV parks, hotels/motels, pet shops, grooming parlors and kennels, septic pumper trucks, refuse haulers, septic systems, public nuisance complaints, wells, Smokefree Arizona, campgrounds/children's camps, and school buildings. Food handler education is offered as part of the food safety program.

NEW PROGRAMS

Hand Washing Sinks

We received \$2500 in funding from the Food and Drug Administration to purchase portable hand washing sinks to use for displaying proper hand washing techniques in food handler classes. The sinks have also been loaned to non-profit groups for use at temporary events and fundraisers. This helps organizers keep their costs down while fulfilling a need to keep our community safe through proper hand washing. For more information about this program feel free to contact any of our offices with inquiries.



Credit Card Payments



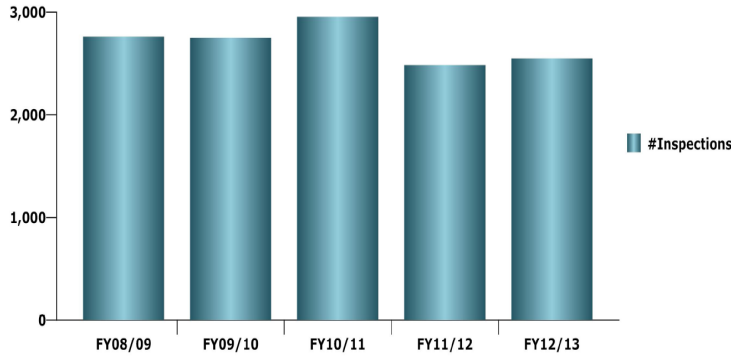
Environmental Health began accepting credit cards online and at the counter this year through Point and Pay, a company that the county contracted with to provide these services. This has been well received by our clients and members of the public as it provides a convenient way for them to call their payments in to our office or make last minute payments on their permits. The response has been overwhelmingly positive.

New Food Handler Cards

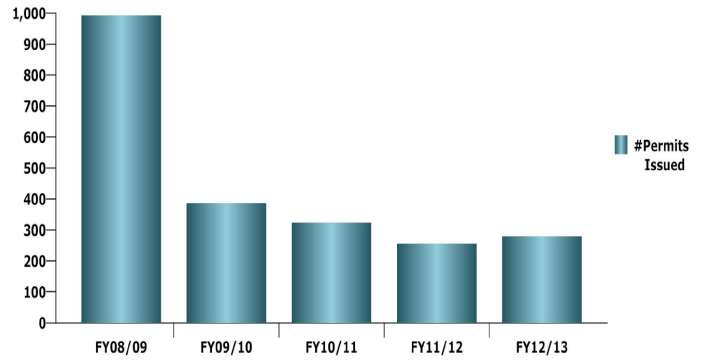
Due to fraudulent food handler cards being found on a regular basis in food establishments, the Division purchased ID card printers and software to increase security measures when issuing food handler cards. This program is designed to ensure food handlers are trained in proper food handling techniques so that food borne illness outbreaks can be avoided. Fraudulent food handler cards undermine the importance of the food handler training program. The new cards have security features including uniquely assigned food handler ID numbers, a bar code and a picture ID of the food handler.



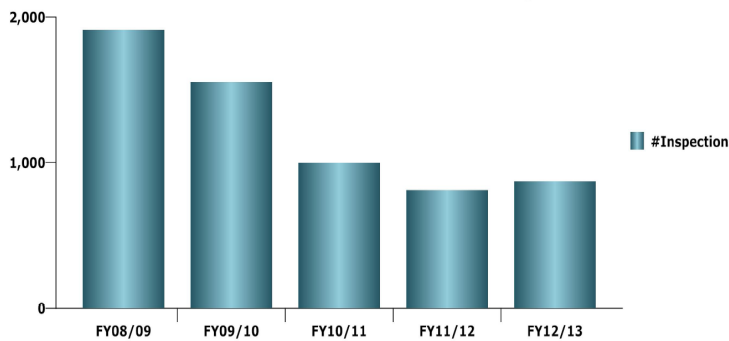
Food Service Inspections



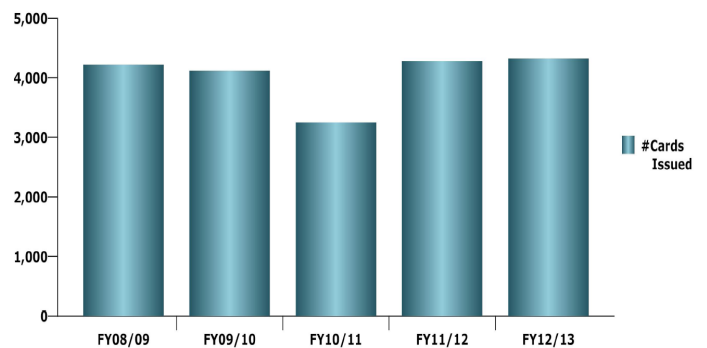
On-site Wastewater Permits



Public Health Nuisance Inspections



Food Handler Cards



Fiscal Year 2013 Statistics

In fiscal year 2013, the Division conducted 4,522 inspections in the various programs. This year the overall number of inspections throughout all the programs increased by a small percentage. This year we also experienced an increase of 8.5% in the number of septic permits issued.

As part of the public health nuisance complaint program, the division is statutorily required to respond to abate nuisances if they cannot be resolved by notification to the property owner. Nuisance complaints received this year dropped slightly from 491 to 481. However, inspections for this program increased by approximately 7% with 22 cases going to court. During fiscal year 2013, abatement was conducted on 7 properties at a cost of \$14,833. We received approximately \$30,464 in lien payoffs and \$3,800 in settlements out of court. A total of over \$431,000 in liens remain against previously abated properties in Mohave County.

Legislative Changes

In the past two years the State Legislature has enacted several new regulations that significantly affected the operations of the Division. Known as the regulatory bill of rights, these new provisions included issuance of inspection rights at the time of inspection, notification of permit processing on all applications and publication of licensing timeframes. The Division worked diligently toward meeting all requirements associated with this new legislation, including revision of several ordinances and has successfully implemented all changes required.



Environmental Health Statistics		
Food Service	FY 11/12	FY 12/13
Temporary Permits	428	409
Annual Permits	1358	1356
Annual Inspections	2475	2542
Food Handler Cards	4271	4315
On-Site Wastewater		
Permits Issued	254	278
Inspections	242	271
Pools/Spas		
Permits	268	265
Inspections	532	424
Kennels/Grooming		
Permits	58	62
Inspections	31	40
Hotel & Motel		
Permits	85	87
Inspections	87	102
Trailer Parks		
Permits	102	102
Inspections	106	110
Campgrounds/Children's Camps		
Permits	3	3
Inspections	3	3
School Buildings		
Permits	54	54
Inspections	61	59
Nuisance Complaints		
Number Received – land use	491	481
Inspections – land use	808	867
Number Received – annually permitted establishments	305	339
Court hearings	18	22
Septic Haulers		
Permits	42	42
Inspections	18	17
Refuse Haulers		
Permits	96	95
Inspections	70	37
Wells (recommendation of approvals given to ADWR)		
Notice of Intent approvals	19	33
Smokefree Arizona (May—May reporting period)		
Complaints	32	45
Inspections	38	50
Educational Visits	2075	1549



Nutrition & Health Promotion

Special Supplemental Food Program for Women, Infants, and Children (WIC) & Breast Feeding Programs

For the past 38 years, the WIC program has had a positive impact on the health of low income pregnant, postpartum and breastfeeding women as well as infants and children up to the age of 5. WIC offers vouchers for specified healthy foods including low fat milk, whole grain bread, and fresh fruits and vegetables. Participants also receive guidance on choosing a healthy lifestyle for themselves and their families. In recent years, WIC has moved to an interactive form of counseling to “meet the family where they are” in making healthy lifestyle choices.



In 2013, Mohave County WIC served approximately 3900 clients per month in the three sites of Kingman, Lake Havasu and Bullhead City. Caseload has dropped in recent years throughout the state of Arizona due in part to a declining birthrate and a decrease in population. Nevertheless, WIC continues to add to the local economy. Approximately \$3,379,205 worth of WIC vouchers were redeemed in local stores in Mohave County.

Nationally, WIC is tasked with the job of stemming the tide of childhood obesity. According to the Centers for Disease Control and Prevention (CDC), obesity now affects 17% of all children and adolescents in the United States - triple the rate from just one generation ago. The CDC cites the consequences of childhood obesity as:

- Obese children are more likely to have - high blood pressure and high cholesterol, which are risk factors for cardiovascular disease (CVD).
- Increased risk of impaired glucose tolerance, insulin resistance and type 2 diabetes.
- Breathing problems, such as sleep apnea, and asthma.
- Joint problems and musculoskeletal discomfort.
- Fatty liver disease, gallstones, and gastro-esophageal reflux (i.e., heartburn).

Using research based strategies, such as teaching parents infant hunger cues, portion sizes for toddlers and encouraging physical activity, we have made modest improvements. Dropping from an all time national high of 27.6% of overweight and obese 2 to 5 years olds in 2008 to 25.9% in 2011. The Mohave County rate is currently lower than the state of Arizona rate of 30%.





Nutrition & Physical Activity Education

The Arizona Nutrition Network

The Arizona Nutrition Network is funded by USDA to provide nutrition education to the SNAP (Food Stamps) eligible population. The mission of the AzNN program is to shape food consumption in a positive way, promote health, and reduce disease among all people living in Arizona

In Mohave County, education is directed primarily to children from Kindergarten to 8th grade. Nutrition educators go in to the classrooms and provide grade appropriate education that encourages consumption of low fat dairy, whole grain products, fruits and vegetables. Food demonstrations are also given at the local DES offices and to WIC participants.

In FY 2012-2013, Mohave County partnered with Lake Havasu Unified School District and Bullhead City Elementary School District through subcontracts for the provision of nutrition education. In previous years, the Arizona Department of Health Services contracted with each agency individually. The subcontracts with the school districts have resulted in a more efficient program due to a coordination of education efforts. During the past year, 5,900 students received a minimum 3 hours of nutrition education throughout the county.

Commodity Supplemental Food Program (CSFP)

CSFP continues to provide 350 boxes of nonperishable food to income eligible seniors, postpartum women and children 5 to 6 years of age.

In order to streamline processes, the Mohave County Department of Public Health worked with the local food banks in Kingman, Lake Havasu, and Bullhead City to turn over the monthly distribution of the boxes to their organizations. This allows us to use staff time to determine eligibility and provide nutrition education for the recipients. This change made pick-up easier for participants and has resulted in a more efficient program.



Mohave County Tobacco Use and Chronic Disease Prevention Program

Healthy Arizona Policy Initiative

This grant focuses on improvements in public health through policy changes in our community. This is accomplished by working with community-based organizations and local decision makers to help them understand how they can improve the health of their communities by focusing on policy, systems and environmental change in the areas of schools, worksites, clinical care, and community design.

This year, staff worked to create a community based special needs coalition with representation throughout Mohave County. The mission is to improve the health and quality of life for our special needs children, young adults and families. The coalition is developing a resource guide for services, a parent support network and a surveillance data system. Local businesses are benefiting from worksite wellness trainings to develop worksite programming and implement policy. Ongoing classes and technical assistance is provided to all businesses that enroll in the program.

Chronic Disease Self Management Program

This grant allows us to help county residents suffering from chronic conditions, or caring for family members with chronic disease, by offering the Stanford University's Chronic Disease Self-Management Program. According to the National Council on Aging, nearly 92% of older adults have at least one chronic condition, and 77% have at least two. This is a community based program that offers six sessions to teach how to self-manage conditions through diet, physical activity, attitude and adhering to medication schedules. Self-management programs have been shown to decrease medical costs and provide the patient with a better quality of life.

Coordinate School Health Program

This grant program supports and offers technical assistance to local schools to help them identify their social and health challenges. It consists of eight interactive components that encourage participation from both community and school members. It systematically promotes a group effort to maintain the well-being of the school and community. Services are currently offered in Bullhead City, Lake Havasu City and Kingman.

Tobacco Education and Cessation

Businesses, healthcare providers, schools, and community members are educated on the hazards of tobacco use and exposure throughout the county. In schools, trained youth advocates offer peer to peer education to elementary, middle schools, and high schools. In the community both staff and youth advocates provide education through community health fairs, parades, and major events. On-going Stop Smoking classes are offered at Kingman Regional Medical Center through funding they provide to our program. Arizona Smokers' hotline, telephone coaching and online quit services are offered to all Mohave County residents along with healthcare provider Ashline service trainings.





Mohave Junior High School Science Fair



BHC Walk Away from Drugs



Educating County Employees and Visitors

Mohave County Youth Anti Tobacco Coalitions

- ◆ Kingman Youth Coalition Beating Up Teen Tobacco (KYCBUTT) at Kingman High School and Kingman Academy of Learning
- ◆ Lake Havasu High School Youth Health Club
- ◆ Bullhead City’s Fox Creek Junior High School and Bullhead Junior High School

The goal is to reduce the early onset of youth tobacco use and exposure to second hand smoke. The youth coalitions participate in executive officer elections and are recognized as an official school club. The Mohave County Tobacco Use and Chronic Disease Prevention Program co-sponsors the clubs with a school club teacher. The students provide peer led education to elementary and middle school students on the dangers of tobacco use and secondhand smoke. Students participate in community events and activities such as parades, health fairs and sports events. They also participate in fund raising activities to support the club.

Other activities of the youth coalitions include: participation in the Arizona Attorney Generals Office merchant compliance checks and education; adopt-a-block to maintain and keep their cities trash free; educating the public and city officials on the concerns of tobacco use and exposure in the city ball fields and parks; and participate in an annual statewide leadership conference. Eight youths and two chaperones attended the statewide STAND leadership conference.

Four to six youth participate in the STAND (Students Taking a New Direction) train-the-trainer program; they train other youth throughout the state on coalition development and community education. Mohave County Youth Coalitions continue to be a model program.

KYCBUTT is supporting the Kingman City Council with their Smoke Free Parks and Ball Field Pilot Program. Parks and Ball fields are now smokefree with designated smoking areas. They also have cigarette trash receptacles in all of the parks and ball fields

Kingman High and Kingman Academy of Learning students were honored for their anti-tobacco educational actions. The Arizona Department of Health Services Bureau of Tobacco and Chronic Disease presented its first annual statewide Youth Advocate Coalition Awards this year to Mohave County’s Kingman Youth Coalition Beating Up Teen Tobacco (KYCBUTT) and the president of KYCBUTT, Brianna Brown, received the Most Valuable Person Award and the Youth Advocate of the Year Award.

Educating Youth in the Classroom



Centennial Park
Cigarette Butt Clean Up



KYCBUTT
State Youth Advocate Coalition Award



Public Health Nursing

The division provides professional nursing services and programs for high risk populations. Many services are mandated in order to protect the health and safety of Mohave County residents and are free, regardless of household income.

Communicable Disease

Communicable disease reporting is the cornerstone of public health surveillance and disease control. It allows us to locate and prophylax or treat exposed contacts, ensure follow up of cases, and alert the health provider community as necessary. The goal is to interrupt the disease transmission and contain outbreaks. During the year we investigated 2,720 communicable disease reports; not including Tuberculosis. The investigations included interviewing individuals, families, and groups to identify exposure to disease and offering medications for treatment or prophylaxis when appropriate.

HIV Testing and Counseling

Funding for this program has been reduced 64.4% over the last decade; in 2003 we received \$55,649 and today we receive \$19,805 annually. Due to the current amount of funding, our program provides a “safety net” of service that allows those who have been exposed or concerned about exposure to be tested for a nominal fee that is based on a sliding fee scale. HIV testing and counseling is provided utilizing the “same day” testing process. This process allows the client to obtain results of screening tests before leaving the office.

Sexually Transmitted Disease Program

Medical providers throughout Mohave County report cases of Gonorrhea, Chlamydia and Syphilis as required by Arizona Revised Statutes. Mohave County continues to experience a moderate level of sexually transmitted disease activity in comparison to other Arizona counties. In 2011, Mohave County ranked 8th in the state for the number of Syphilis cases and 14th in the state for the number of both Gonorrhea and Chlamydia cases.

Ryan White Care Program

This program allows clients who are positive for HIV/AIDS to receive medical care and medications to optimize and sustain quality of life. We have received these funds since 1996 as there were no other providers in the community who could or were interested in providing the services. Our role was to provide case management and facilitate clients receiving medical care; as such, clients were not receiving care here but at providers throughout the county and in Las Vegas. In order to ensure seamless services for the HIV positive patient, we collaborated with the funding agency for North County Health Care to assume responsibility of this primary care program. Effective March 1, 2013, North County received the grant and is providing services at their clinics in Kingman, Bullhead, and Lake Havasu.

Tuberculosis (TB) Control and Treatment

TB disease is caused by a bacterium called *Mycobacterium tuberculosis* that usually attack the lungs, but it can attack any part of the body such as the kidney, spine, and brain. If not treated properly, TB disease can be fatal. To combat this disease, we work with a TB Control Officer to provide one-on-one case management on every active TB case.

Case management includes Direct Observed Therapy (DOT) whereby nursing personnel watch the TB patient actually take their medication. It is extremely important that people with TB disease take their medicine exactly as prescribed and that they finish the medicine. If they stop taking it too soon, they can become sick again and if they do not take it correctly, the germs that are still alive may become resistant to those drugs. TB that is resistant to drugs is harder and more expensive to treat.

During fiscal year 2013, the Nursing Division provided treatment and follow up to five active TB cases. Two of the cases were transferred in from other jurisdictions and treatment was completed. Public health nurses also respond to suspect cases of TB that result in considerable staff time to rule out active disease. Suspect cases are investigated and often receive medications for several months until the disease can be ruled out. There were 37 suspect cases during the fiscal year.

TB skin testing is provided for screening purposes and is offered for a fee. Individuals with a positive skin test receive counseling, a chest x-ray, and free medication if necessary. During the year, there has been a national shortage of Tubersol solution used for TB skin testing. This shortage has affected daycare and healthcare providers as they require annual testing; testing has been delayed until the shortage is resolved.

Maternal and Child Health

Reproductive Health (RH)

Reproductive health services are offered to both males and females in Bullhead City, Lake Havasu City, and Kingman. The program is funded by Title V with funds from the Arizona Department of Health Services, Title X funds through the Arizona Family Planning Council, and in-kind support from Mohave County.



In 2012, we served 1,491 unduplicated clients at 100% or below of the Federal Poverty Level. 1,275 of these clients reported being uninsured which is a significant barrier to receiving medical services. Although most of the clients served were between the ages of 15 - 44, 2.8% were 45 or older, and 1% were 14 or younger. The program provided 326 syphilis, 664 gonorrhea, and 1198 chlamydia tests as well as 712 HIV screening tests.

Over the past six years we have seen a 68.5% increase in the number of unduplicated clients in our clinics (from 885 to 1,491). As our demand for reproductive health services has increased, we have expanded services. We now offer two additional clinic days; one in Lake Havasu City and one Bullhead City.

In order to ensure comprehensive services are provided to clients, the program coordinates with the STD, HIV, Health Start and Communicable Disease programs. We provide referrals to other county programs such as WIC, Smoking Cessation, and Community Development. As appropriate, we also refer clients to Mohave Mental Health, private physicians, Well Woman Health Check, Havasu Trust, and Community Health Centers.

Newborn Intensive Care Program

This home visitation program allows professional staff to visit high risk infants who have been in a newborn intensive care unit (NICU) unit for 72 hours or more following birth. It facilitates the transition of the child and family from the NICU to their home and community. Periodic monitoring of the child's medical and developmental needs identifies infants who would benefit from referral to other early intervention programs. Through these home visits, the family receives support and education as well as referral to appropriate community resources. During the fiscal year, 319 home visits were made to infants in the program. This is a 145% increase from the previous year

Teen Pregnancy Prevention Program

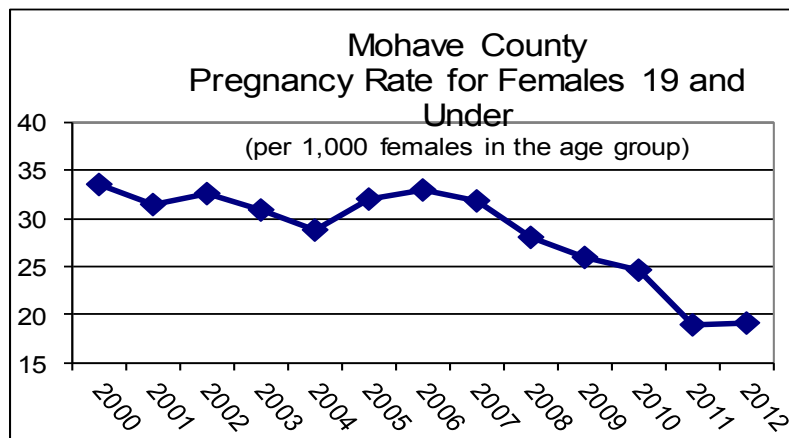
Pregnancy during the teen years can change the lives and futures of the mother, father, child, and their families. Repeat teen births - two or more pregnancies ending in a live birth before age 20 - can limit the mother's ability to finish her education or get a job.



Giving birth and raising a child during the teen years can carry high health, emotional, social, and financial costs for teen mothers and their children. Babies born from a repeat teen birth are often born too soon or too small. This can lead to more health problems for the baby.

- Although teen birth rates have been falling for the last two decades, more than 365,000 teens aged 15 - 19 years gave birth in 2010. Of these births, 66,800 were repeat teen births,
- 57,200 were second births.
- 8,400 were third births.
- 1,200 were fourth or higher births.

The Teen Pregnancy Prevention Program provides instruction for teens in local schools and the juvenile detention center and presents parent workshops at the Ft. Mojave Indian Social Service facility to provide them with the tools necessary to talk with their adolescent or teen about sex and reproductive health issues. The program provided education to 1,612 students during the year.



Immunization Program

Free immunizations are provided to children and adolescents seen during weekly immunization clinics. Immunizations provided include all vaccines recommended by the Advisory Committee on Immunization Practices and the American Academy of Pediatrics. The vaccine is provided through the Vaccines for Children (VFC) program which is a federally funded immunization grant. During the fiscal year, we provided 11,126 vaccines to 5,959 children throughout Mohave County.

A change was implemented by the grant this year in which individuals with insurance were not allowed to receive VFC immunizations. However, for some, their well child benefit runs out, they are unable to get an appointment with their physician and need immunizations for school or to ensure vaccines are received on time, or they aren't able to pay their deductibles. To help with these issues, we purchased vaccine that can be used and their insurance billed. We entered a contract with The Arizona Partnership for Immunization (TAPI) to provide insurance billing of clients with private insurance.

	FY 05/06	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13
Newborn Intensive Care Program								
Home visits	207	248	367	306	24	88	130	319
Communicable Disease								
Disease investigations	1,234	1,323	1,453	1118	1485	1241	1540	2720
Childhood Immunization Program								
Children vaccinated	3,898	5,612	7,006	6,994	4929	4159	3735	3959
Vaccinations given	13,090	20,406	18,541	19,121	13,822	13,921	12,951	11,126
Adult Immunizations Program								
Td/Tdap	243	189	169	186	92	61	150	40
Hepatitis B	305	336	359	325	292	206	201	241
Hepatitis A	171	132	66	73	72	30	32	15
Twinrix							140	71
Adacel							59	59
Varicella	25	43	17	41	24	69	56	37
MMR	179	147	115	201	85	118	84	69
HPV	--	1	4	44	21	3	2	2
Zostovax	--	10	155	157	63	26	3	3
Meningococcal	--	17	14	14	8	2	3	4
Influenza / H1N1	5,959	3,031	2,969	845	13,232	606	130	206
Pneumonia	1,016	328	620	41	15	26	8	0
Tuberculosis Control								
TB skin tests	1,149	1,207	1,657	1304	812	696	851	510
Latent TB infection	179	107	568	733	240	331	129	247
Active case visits	291	321	113	407	303	120	199	281
Active case	7	3	4	3	3	4	2	5
Chest x-ray/clinics	162	139	322	305	70	69	55	80
Primary Reactor Visit	60	59	164	114	37	45	30	45
Reproductive Health								
Pregnancy Tests	316	708	710	869	756	680	623	763
New/Annual visits	971	889				1155	1263	1260
RH/HIV Tests							779	646
Unduplicated clients			885	1220	1376	1351	1419	1474
Sexually Transmitted Disease								
Clinic visits	150	76	126	133	138	86	85	55
HIV Counseling and Testing								
HIV tests	146	101	199	109	84	126	120	85
HIV post counsel	112	95	143	109	84	126	120	85
Health Start								
Visits	236	530	441	249	358	315	302	598
Teen Pregnancy Unduplicated Students					1962	2000	1792	1612
Ryan White Clients					76	76	76	77

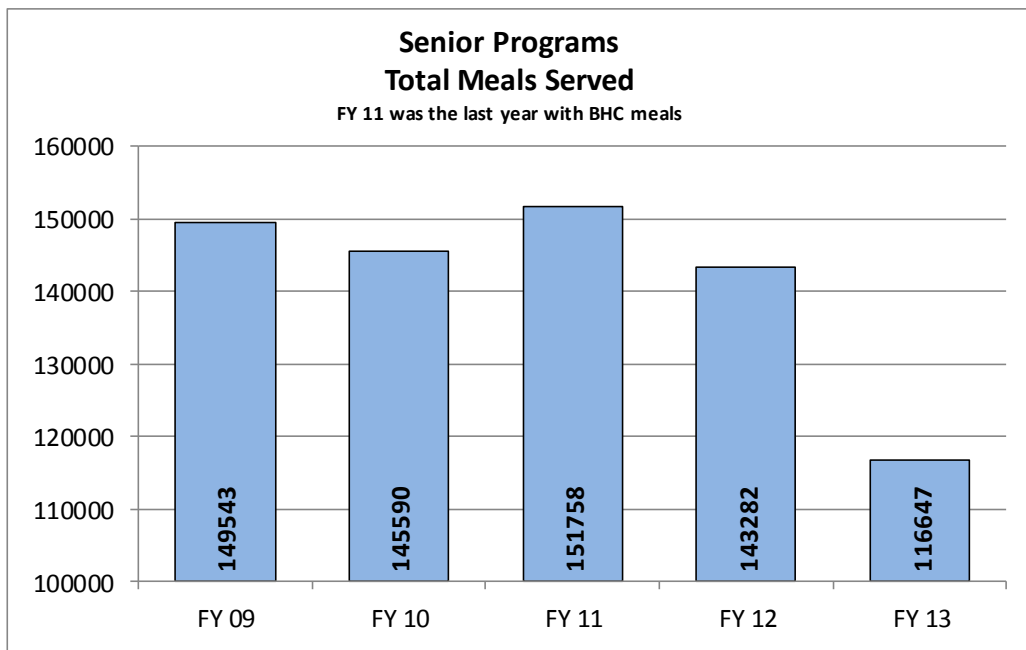
Senior Programs



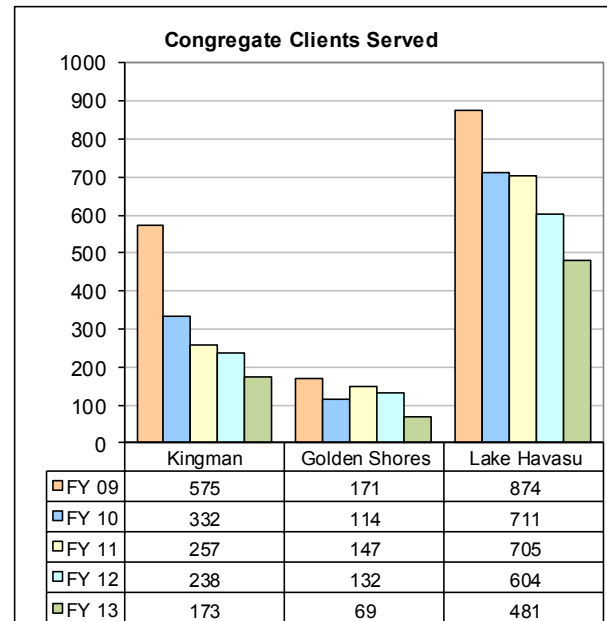
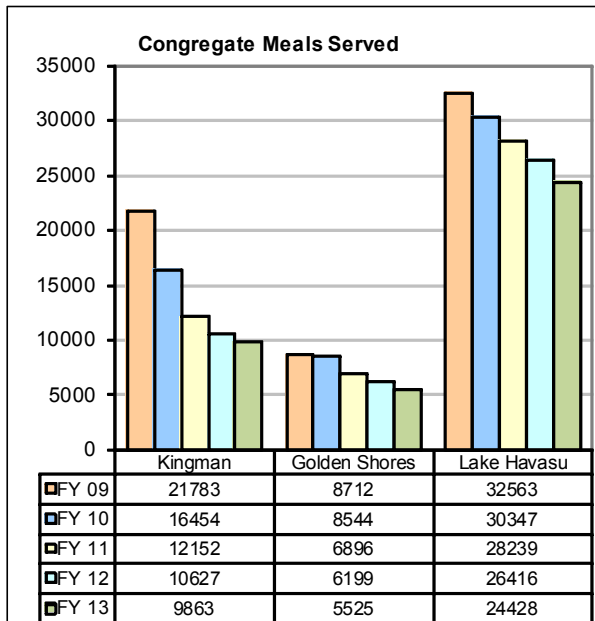
Senior Programs provides congregate meals at senior center sites and home delivered meals via the “meals on wheels” program. The centers also provide support services, socialization, and education including: bridge, tax aide, legal aide, yoga, crafts, and exercise classes. Three senior centers were operated by Mohave County with sites in Golden Shores, Kingman and Lake Havasu City.

Each Senior Center has a site council with a non-profit association established. They conduct numerous activities throughout the year to raise money to help support the operations at the senior centers. Revenues are used to help pay for program expenses such as utilities, food, office supplies, equipment, and repairs and are considered in-kind donations. The total amount of in-kind received in FY 2013:

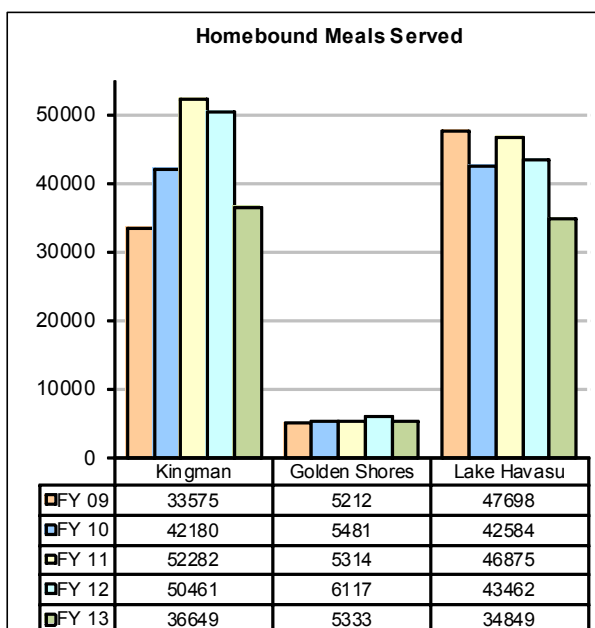
1st quarter	\$19,824.07
2nd quarter	\$15,443.91
3rd quarter	\$22,101.59
4th quarter	\$19,923.49
Total	\$77,293.06



Each of the centers continues to see a reduction in the number of congregate meals served over the past five years. 54.7% in Kingman, 36.6% in Golden Shores, and 25% in Lake Havasu. However, during that time the General fund support was reduced (in July 2010) by 50% which equaled a \$250,000 reduction to the program.



Over the past five years the number of homebound meals served in Kingman has fluctuated greatly with the highest number of meals served in FY 11. In FY 13, Kingman provided 9.2% more meals than FY 09. Golden Shores has remained fairly consistent in the number of homebound meals served. Lake Havasu has experienced an overall reduction in the number of homebound meals served with a 26.9% reduction over the past five years.



The number of homebound clients served in FY 13 was:

Kingman 233
 Golden Shores 38
 Lake Havasu 258

There was an error in the report of homebound clients served in prior fiscal years, therefore there is no chart available for prior year comparisons.

Socioeconomic* and Health Indicators

Mohave County Population

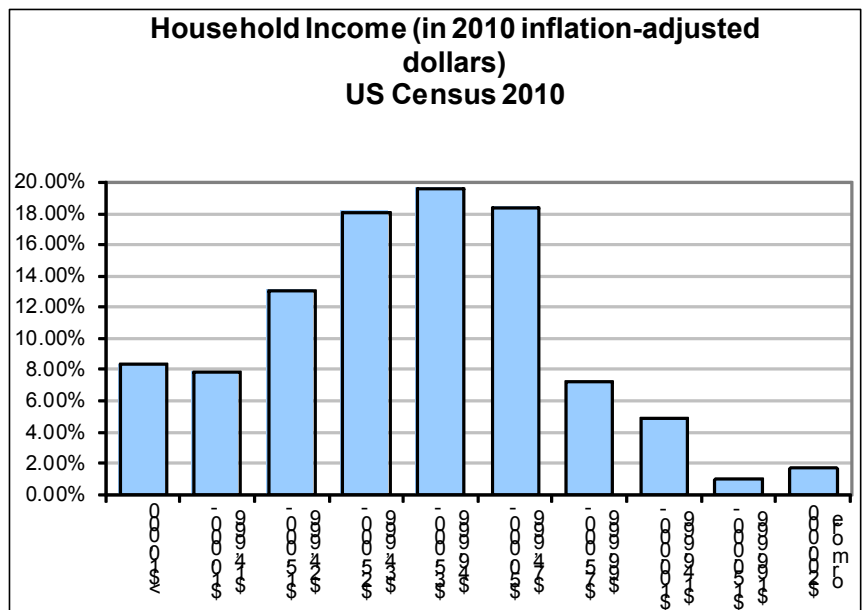
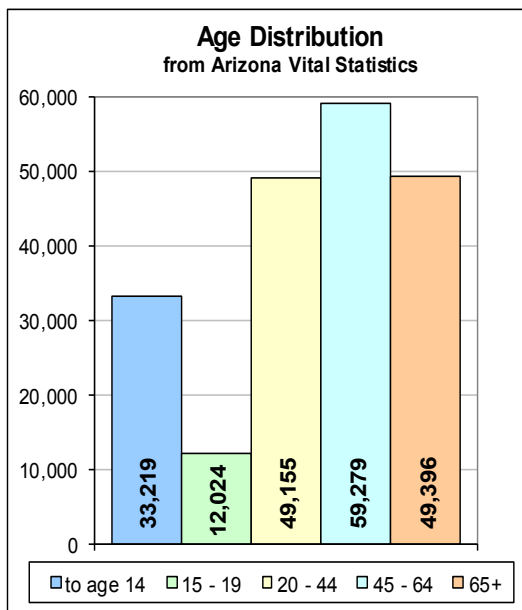
from Office of Employment & Population Statistics, AzDOA

Bullhead City	39,495
Colorado City	4,813
Kingman	28,476
Lake Havasu City	52,908
Unincorporated	77,900
Total	203,592

Of the total county population, 194,693 individuals reported they were of one race and 5,493 reported they were of two or more races. Those who reported one race were:

- White 173,878
- Black or African American 1,882
- American Indian & Alaskan Native 4,500
- Asian 2,103
- Native Hawaiian & other Pacific Islander 341
- Some Other Race 11,989

29,569 individuals reported they were Hispanic or Latino. Of these, 24,760 were Mexican, 721 Puerto Rican, 272 Cuban and 3,816 Other.

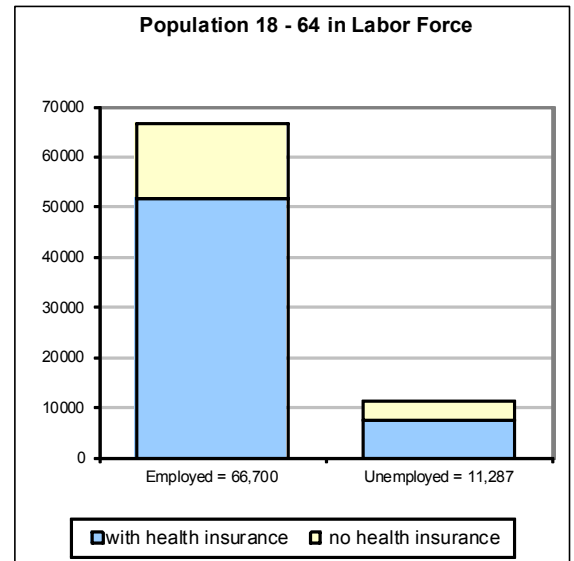


* Socioeconomic statistics are from the 2010 US Census unless otherwise noted.

Health Insurance

Census data presents a “civilian noninstitutionalized population” of 198,223 in the county. 83.4 % of these individuals had health insurance coverage and 16.6% did not.

There are 77,987 county individuals ages 18 - 64 in the labor force. The chart on the right represents the employed and unemployed individuals in the labor force with and without insurance coverage:

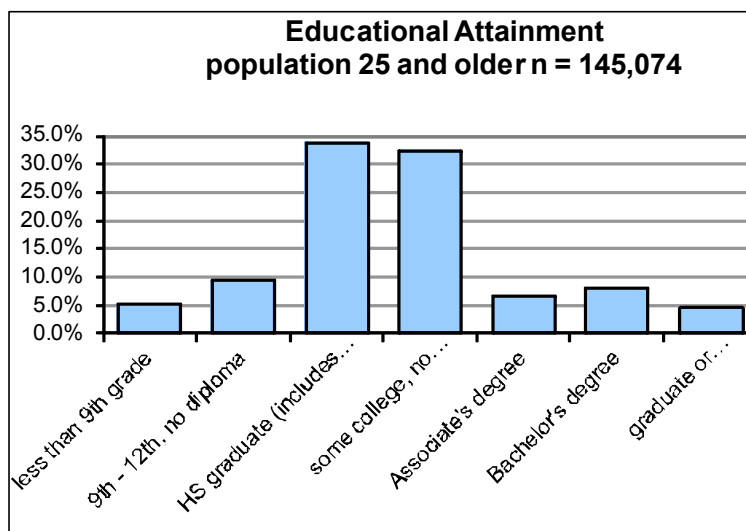


Education

There are 44,841 county residents 3 years of age or older and enrolled in school.

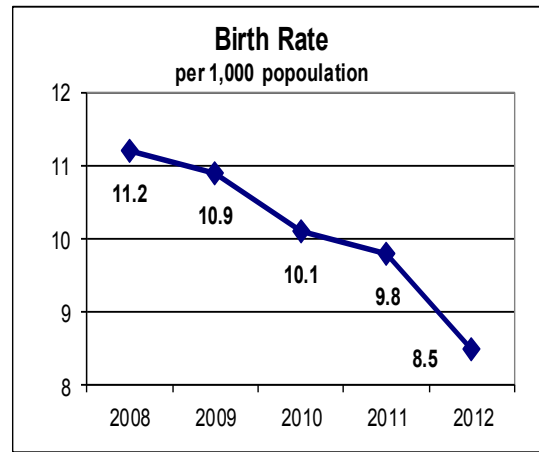
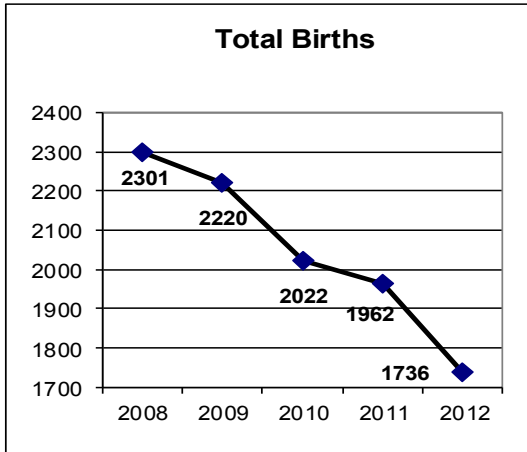
Enrollment	Percentage of Population (n = 44,841)
nursery school, preschool	6.30%
kindergarten	4.50%
elementary school (1- 8)	40.70%
high school (9 - 12)	21.40%
college or graduate school	27.00%

The population of the county age 25 and older is 145,074 and the educational attainment of these individuals is depicted in the chart below.

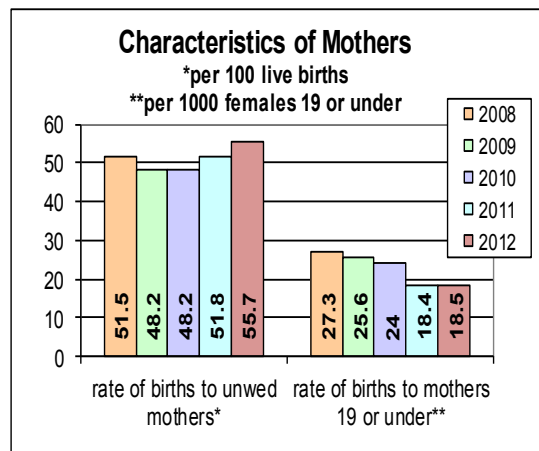
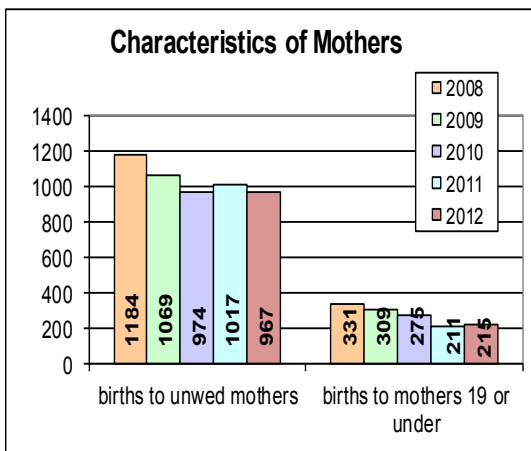


Health Indicators

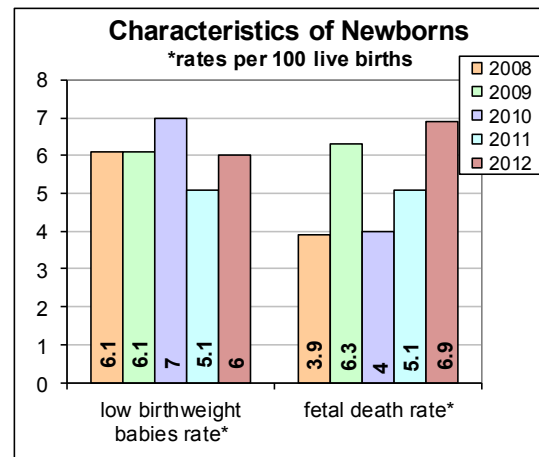
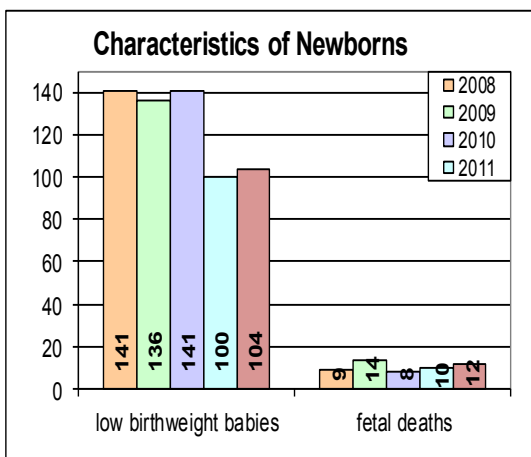
The total number of births and the birth rate in Mohave County have continued to decline over the past five years. The number of births has declined 24.5% and the birth rate has declined 24.1%.



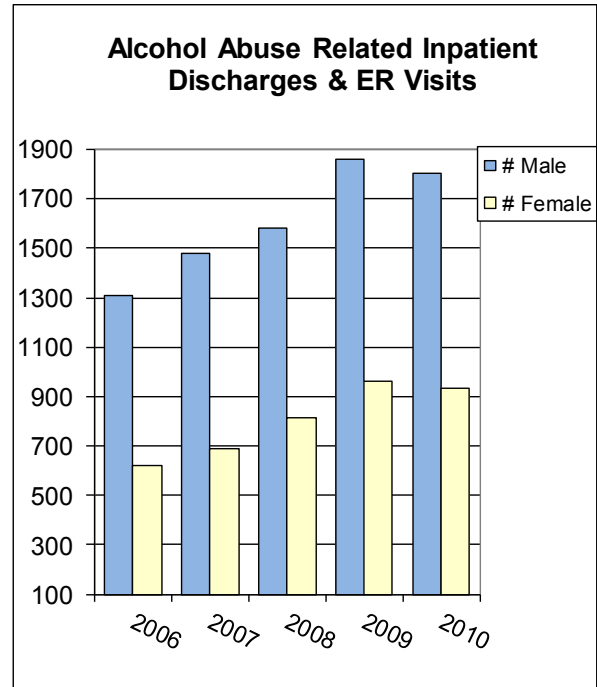
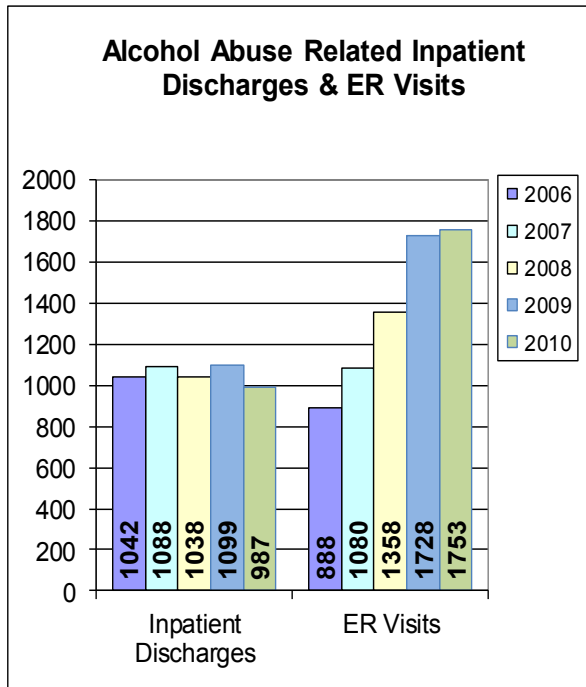
While the *number* of births to unwed mothers had declined over the past five years by 18.3%, the *rate* of births to unwed mothers has increased by 8.2%. The number of teen births, as well as the rate of teen births, has decreased significantly over the past five years; 35% and 32.2% respectively.



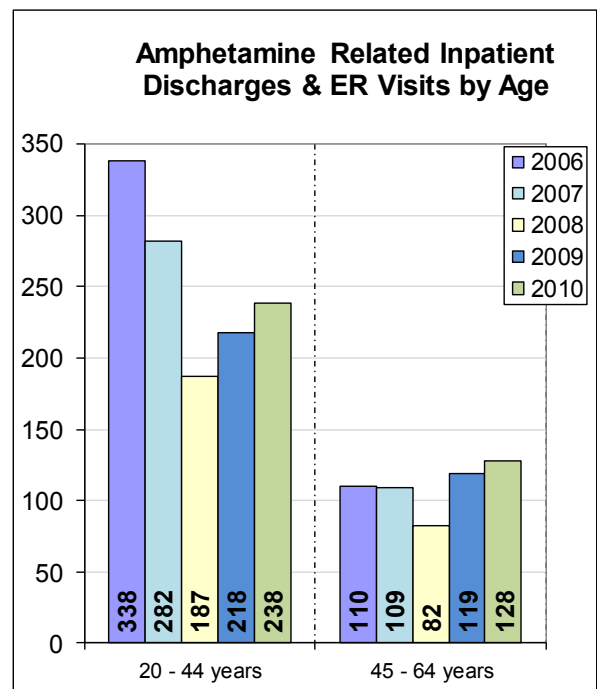
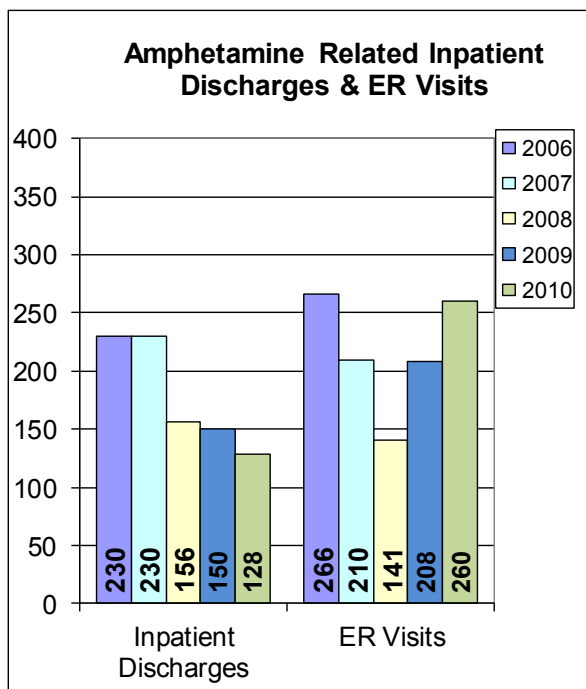
The number of low birthweight babies has decreased over the past five years (26.2%), while the rate has remained relatively constant with only a 1.6% reduction in the past five years. The number of fetal deaths has not fluctuated by more than 6 over the past five years; however the rate of fetal deaths has increased 76.9% over that period of time.



The total number of alcohol abuse related inpatient discharges and ER visits in the county has steadily increased over the past five years by 42%. While the number of inpatient discharges has remained fairly consistent (5% variance from 2006 to 2010); the number of ER visits has dramatically increased - 97.41% over the same time period. The number of alcohol abuse related visits among males and females has remained consistent with two-thirds of the visits male and one-third female.



The total number of amphetamine related inpatient discharges and ER visits in the county has declined over the past five years by 21.77%. Inpatient discharge numbers have declined by 44.35% over the past five years. ER visit numbers were experiencing a decline (2008 had a 47% reduction compared to 2006), but then began to rise to their previous level. The greatest number of inpatient discharges and ER visits were in the 20 - 44 and 45 - 64 year old age groups; with 61.34% and 32.99% of the total respectively. In 2010, inpatient discharges and ER visits for individuals under 15 = 0%, 15 - 19 = 5.05%, and 65+ = 2.53%.

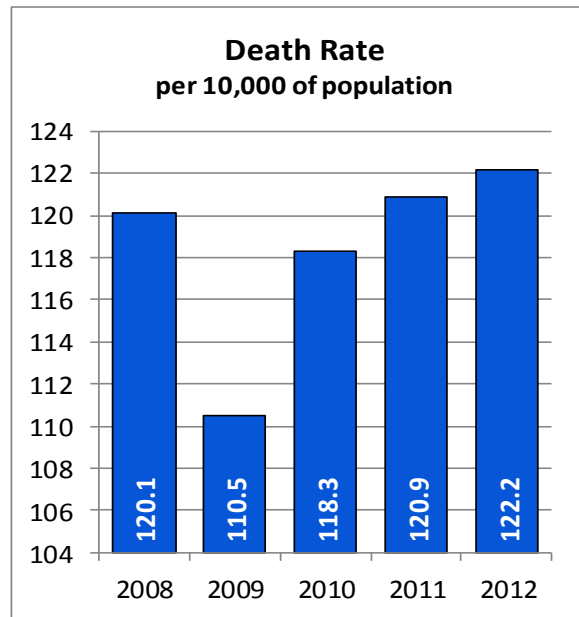
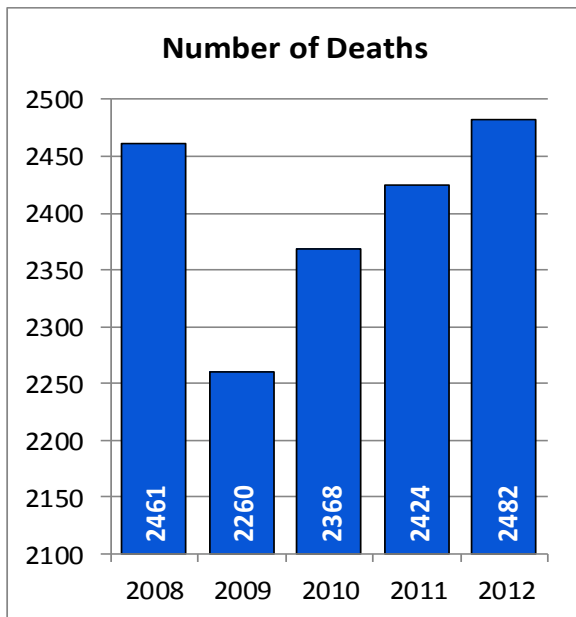


Patterns in Mortality

Vital Records

The Administration Division provides certified copies of death certificates for deaths that occurred from 2008 to present. We provide services to all county funeral homes for deaths that occurred in the county. There were 2,482 deaths in Mohave County in calendar year 2012 and staff issued 15,604 certified copies of death certificates during the fiscal year

We began providing certified copies of birth certificates in November, 2011. Fiscal year 2013 was our first full year and staff issued 1,653 certified copies of birth certificates. In addition to certified copies, staff register all home births and births occurring in facilities that are not on the state vital record system. Court ordered paternities and Acknowledgement of Paternities are also processed for Mohave County births.

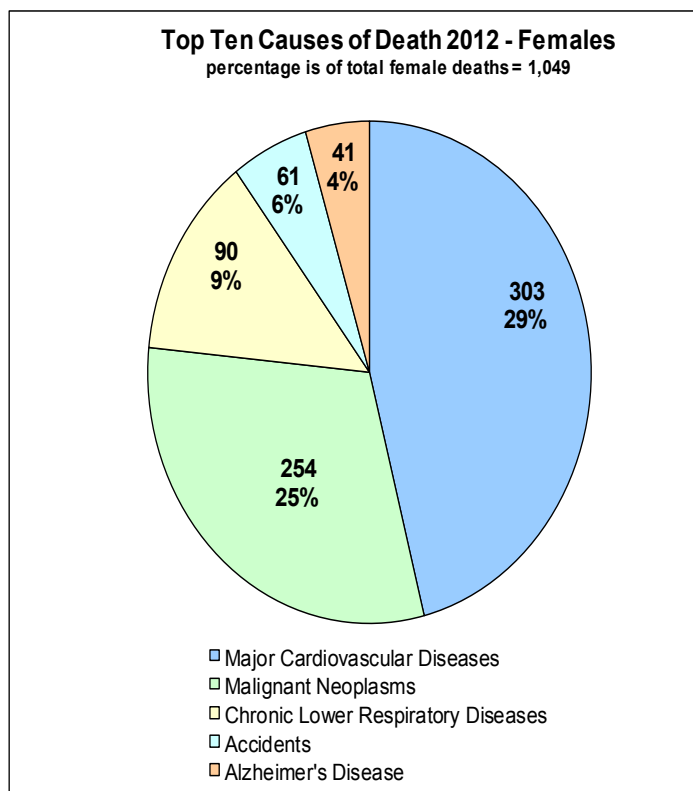
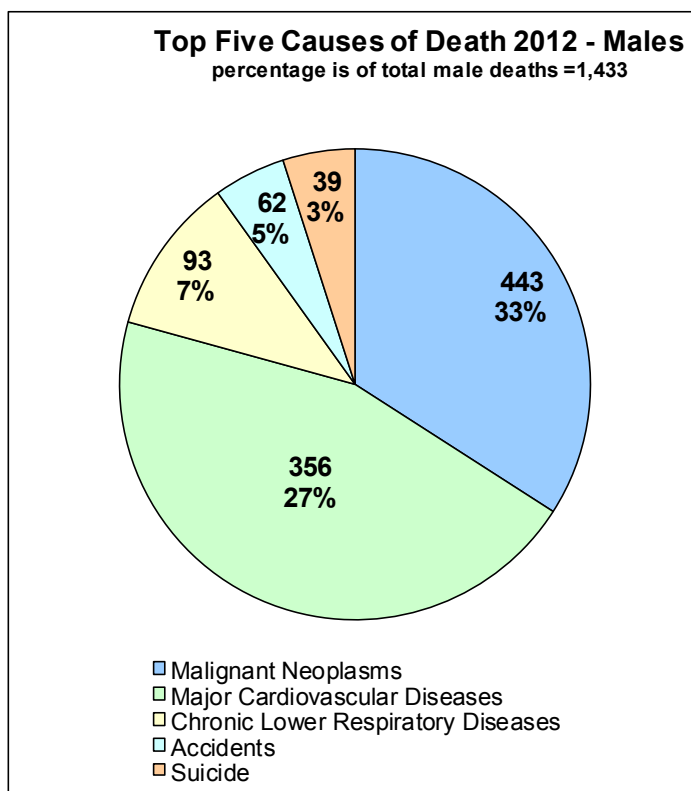


Of the 2,482 deaths in Mohave County in 2012, the top ten causes of death were:

	number	% of total deaths
major cardiovascular diseases	820	33.0%
Malignant neoplasms	588	23.7%
Chronic lower respiratory diseases	212	8.5%
Accidents	94	3.8%
Intentional self harm	62	2.5%
Diabetes	60	2.4%
chronic liver disease & cirrhosis	53	2.1%
Alzheimer's disease	49	2.0%
nephritis, nephrotic syndrome & nephrosis	47	1.9%
symptoms, signs, abnormal findings	40	1.6%

Of the 588 deaths related to malignant neoplasms in the county, the top five types were:

- | | |
|---|------|
| 1. Trachea, bronchus, lung | 31% |
| 2. Colon, rectum, anus | 11% |
| 3. All other and unspecified | 9.5% |
| 4. Lymphoid, hematopoietic & related tissue | 6.9% |
| 5. Pancreas | 6.1% |





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Prevent. Promote. Protect.